Nancy C Baker

List of Publications by Year
in descending order

18 papers	1,172 citations	759233 12 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	1605 citing authors

#	Article	IF	Citations
1	The CompTox Chemistry Dashboard: a community data resource for environmental chemistry. Journal of Cheminformatics, 2017, 9, 61.	6.1	674
2	A Computational Model Predicting Disruption of Blood Vessel Development. PLoS Computational Biology, 2013, 9, e1002996.	3.2	104
3	Computational Model of Secondary Palate Fusion and Disruption. Chemical Research in Toxicology, 2017, 30, 965-979.	3.3	55
4	Mining connections between chemicals, proteins, and diseases extracted from Medline annotations. Journal of Biomedical Informatics, 2010, 43, 510-519.	4.3	54
5	Blood–brain barrier development: Systems modeling and predictive toxicology. Birth Defects Research, 2017, 109, 1680-1710.	1.5	50
6	Systems Toxicology of Male Reproductive Development: Profiling 774 Chemicals for Molecular Targets and Adverse Outcomes. Environmental Health Perspectives, 2016, 124, 1050-1061.	6.0	49
7	Abstract Sifter: a comprehensive front-end system to PubMed. F1000Research, 2017, 6, 2164.	1.6	45
8	High-throughput toxicogenomic screening of chemicals in the environment using metabolically competent hepatic cell cultures. Npj Systems Biology and Applications, 2021, 7, 7.	3.0	28
9	Characterizing cleft palate toxicants using ToxCast data, chemical structure, and the biomedical literature. Birth Defects Research, 2020, 112, 19-39.	1.5	26
10	Development of a Flame Retardant and an Organohalogen Flame Retardant Chemical Inventory. Scientific Data, 2022, 9, .	5.3	18
11	An ontology for developmental processes and toxicities of neural tube closure. Reproductive Toxicology, 2021, 99, 160-167.	2.9	15
12	Connecting environmental exposure and neurodegeneration using cheminformatics and high resolution mass spectrometry: potential and challenges. Environmental Sciences: Processes and Impacts, 2019, 21, 1426-1445.	3.5	13
13	Retinoid signaling in skeletal development: Scoping the system for predictive toxicology. Reproductive Toxicology, 2021, 99, 109-130.	2.9	11
14	Workflow for Defining Reference Chemicals for Assessing Performance of In Vitro Assays. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 261-276.	1.5	11
15	Computational biology and in silico toxicodynamics. Current Opinion in Toxicology, 2020, 23-24, 119-126.	5.0	8
16	Pluripotent stem cell assays: Modalities and applications for predictive developmental toxicity. Current Research in Toxicology, 2022, 3, 100074.	2.7	7
17	"In Litero" Screening: Retrospective Evaluation of Clinical Evidence to Establish a Reference List of Human Chemical Respiratory Sensitizers. Frontiers in Toxicology, 0, 4, .	3.1	3
18	A cross-platform approach to characterize and screen potential neurovascular unit toxicants. Reproductive Toxicology, 2020, 96, 300-315.	2.9	1